

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION - MATERIALS LABORATORY  
PO BOX 47365 OLYMPIA, WA 98504/STREET-1655 S. 2nd AVE TUMWATER, WA 98512

BITUMINOUS SECTION TEST REPORT  
TEST OF PAVING ASPHALTS

GRADE: PG64-22 Antistrip: %  
SUPPLIER: U.S.OIL Type:  
SHIPPER: U.S.OIL  
DATE RECD: 08/12/2010

WORK ORDER # 007779  
TRANS. LTR.# 108309  
LAB.IDENT. # 0000108309  
ASPH. LAB. # A100755  
BID ITEM. # 92.02  
REGION # 43

SR NO: COUNTY:  
SECTION: PORT OF TACOMA RD TO KING COUNTY LINE -HOV

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ACCEPTANCE NO.	ASSURANCE NO.	CERT NO.	DATE SAMPLED
20		B/L284993	08/10/2010

TEST: RESULTS: SPECIFICATIONS:

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ORIGINAL PROPERTIES:

VISCOSITY

(BROOKFIELD) @ 135 C, Pa s  
DYNAMIC SHEAR @ 64 C, kPa  
C.O.C. FLASH POINT, C

3 MAXIMUM  
1.00 MINIMUM  
230 MINIMUM

RTFO AGED PROPERTIES:

MASS LOSS AFTER RTFO, %  
DYNAMIC SHEAR @ 64 C, kPa  
MSCR @ 3.2 kPa @ C, %  
Jnr @ 3.2 kPa @ C  
DIFFERENCE Jnr, %

1.00 MAXIMUM  
2.20 MINIMUM  
REPORT ONLY  
REPORT ONLY  
REPORT ONLY

MSCR and Jnr testing performed at PG base grade temperature

PAV AGED PROPERTIES:

PAV AGING TEMPERATURE C  
DYNAMIC SHEAR @ 25 C, kPa  
DYNAMIC SHEAR @ 22 C, kPa  
CREEP STIFFNESS @ -12 C

5000 MAXIMUM  
REPORT ONLY

"S", MPa

300 MAXIMUM

"m"

0.300 MINIMUM

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OSC LABORATORY:

Materials File		X
General File		X
REGION: OLYMPIC		
Construction Engineer	43	X
Materials Engineer	43	X
PE: R. SUAFOA		X(2)
U.S.OIL		X


Material does MEET  
specification requirements.

Remarks:

SAMPLE APPROVED FOR USE ON THIS  
CONTRACT BASED ON PREVIOUS AND  
SUBSEQUENT PASSING TEST  
RESULTS.

THOMAS E. BAKER, P.E.  
Materials Engineer

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T-120	T-132
T-121	T-133
T-124	T-136
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T-131	
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By: Joseph R. DeVol 

Date 08/20/2010  
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